



BOLOGNA2024

The 27th International Conference on High-Resolution Molecular Spectroscopy

Bologna, Italy, September 2-6, 2024

<https://eventi.unibo.it/hrms-2024-bologna>

spectrameet@unibo.it



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2nd CIRCULAR: April 2024

The **International Conference on High-Resolution Molecular Spectroscopy 2024**, part of the Prague Spectroscopy Conference Series, is to be held in Bologna (Italy). The Bologna 2024 meeting will mark the 27th edition of the Conference, extending a history that started biannually in 1970 to bring together spectroscopists from the East and West of Europe and all around the Globe. The powerful scientific program will combine ten invited plenary lectures, invited contributions and contributed oral and poster presentations, emphasizing the contributions of young researchers.

Please note: **The conference will start on Monday, September 2nd in the morning and will end on Friday, September 6th at lunch.**

The conference will be held within the historical city center, in buildings of the University of Bologna, the world's first formally established university (CE 1088). The local organization will be undertaken jointly by the Department of Chemistry "Giacomo Ciamician" and the Department of Industrial Chemistry "Toso Montanari" of the Bologna University.

Bologna, the capital of the region of Emilia-Romagna, is a first-rank European cultural centre, famous for its medieval towers and lengthy porticoes. Dating back to at least 1000 BCE, it is not only a historical city with an extensive legacy of Etruscan, Celtic, and Roman cultural treasures, but also a modern metropolis with an infrastructure prepared to welcome more than a million visitors per year and home to world renown brands like Ducati, Lamborghini, Maserati and other high-tech companies.

Scientific Program

The program will comprise invited talks, keynote talks, oral communications and posters.

INVITED SPEAKERS	
Marina Bennati Max Planck – University of Göttingen, Germany	<i>Magnetic resonance spectroscopy of biomolecules by combining ESR and NMR methods</i>
Martine De Maziere Royal Belgian Institute for Space Aeronomy, Belgium	<i>How increased use of remote sensing techniques for monitoring the health of our environment translates to additional requirements as to molecular spectroscopy databases</i>
Gang Feng Chongqing University, China	<i>Rotational insights into sulfur-mediated non-covalent interactions</i>
Shun-ichi Ishiuchi Tokyo Institute of Technology, Japan	<i>Cold ion trap IR spectroscopy of ion selective molecular systems</i>
Adam Kirrander University of Oxford, UK	<i>Ultrafast x-ray scattering: probing photochemical dynamics</i>
Marie-Aline Martin-Drumel CNRS, France	<i>Hunting interstellar molecules using rotationally resolved laboratory spectroscopy</i>
Frédéric Merkt ETHZ, Switzerland	<i>Precision spectroscopy in few-electron atoms and molecules</i>
Brooks H. Pate University of Virginia, USA	<i>Quantitative analysis of isotope mixtures for applications in pharmaceutical chemistry using broadband rotational spectroscopy</i>
Stephan Schlemmer Universität zu Köln, Germany	<i>MissIons: Missing Ions in the laboratory and space</i>
Piotr Wcisło Nicolaus Copernicus University, Poland	<i>Testing the quantum theory with accurate laser spectroscopy</i>

Topics

Following the tradition of the Prague Conference Series, we welcome researchers from around the Globe covering all aspects and varieties of experimental studies, techniques, methods, and theories in high-resolution molecular spectroscopy. Scientific contributions should consider, but are not limited, to the following fields:

- Observation, measurement, and analysis of high-resolution rotational, vibrational, or electronic spectra of molecules (radicals, ions, complexes, clusters, ...) in the gas phase or in matrices.
- Experimental techniques in molecular spectroscopy.
- Theory assisting the prediction, simulation, and interpretation of spectra.
- Applications in related fields such as the physics and chemistry of the atmospheres of planets and cool stars, the physics and chemistry of the interstellar medium, chemical kinetics, biologically important molecules in the gas phase or in matrices, combustion, cold molecules, metrology, etc.

Both oral and poster contributions are welcome, but **we encourage the participants, especially students**, to submit their contributions as oral presentations. The program will be arranged to accommodate all oral contributions. **Prizes for the best oral presentations given by students are also foreseen.**

Venue

The meeting will take place at the University of Bologna Teaching Center, via Andreatta, 8 40126 Bologna.



Registration

Registration and abstract submission is now possible:

<https://eventi.unibo.it/hrms-2024-bologna/registration-form>

Please complete all fields as indicated in the on-line registration form and submit the abstract of your contribution. After the registration, we will acknowledge its successful completion. As part of the registration, the total amount of payment due will be stated together with the payment details. Please allow a few business days for this process and note that your registration is only considered final after we received the amount due.

Fees (early bird/regular/post-deadline)

The conference fees include attendance to the scientific sessions, the reception and a concert.

a	regular participant	350/400/450 €
b	students/younger chemist (within a year of the award of the PhD)	220/260/300 €
c	accompanying person	120/160/200 €

Young participants from developing countries may apply for a discount that will be granted only if supporting funds become available.

Cancellation policy:

Cancellations must be submitted by email. A 100 euro processing fee will be applied to refund requests made by August 1th 2024, applicable bank charges might also be deducted. Refunds will not be given for cancellations received after this date nor will they be given for failure to attend or unexpected events. Refunds will be processed within 60 days of the conference under the condition that the appropriate banking information has been provided.

Abstract submission

Abstract(s) should be submitted together with the registration form. It should be prepared following one of the Latex templates and compiled. The templates and the instructions are given in the section “Prepare your abstract” (<https://eventi.unibo.it/hrms-2024-bologna/prepare-your-abstract>)

Your abstract should contain some associated keywords. The keywords are given at the end of each Latex template and you are asked to choose at least one keyword for each section. Also, please list the keywords in order of importance to your work. This will greatly help in the assignment to the conference sessions.

A compressed file (e.g. .zip) containing the Latex source files and the generated pdf should be uploaded. If you wish to upload more than one abstract (max. 3) you should provide one compressed file for each of them.

In the registration form also indicate if you would prefer to present your contribution as an oral communication or a poster. Oral contribution will be up to **15 min**. The poster size should be of size **A0 (portrait orientation)** maximum.

Accommodation and meals

Meals tickets: Lunch vouchers at 6 €, value added tax (VAT) included, can be booked and purchased using the registration form. They will be offered at the University canteen within walking distance (5 min) from the conference site.

Accommodation: Participants to the conference are kindly requested to take care of the booking of their accommodation. Arrangements have been made with some of the following locations and a list of hotels at walking distance from the conference site is given:

RESIDENZA ER.GO (university residency)

Via del Carpentiere, 58-60 – Bologna 40138 – Italia

1. A number of single and double rooms (200 beds) are available in this student dormitory easily reachable from the conference site (approximately 20 min by bus). The prices per night are: 35 € (single room) and 28 € (double room) and the rates are value added tax (VAT) exempt. Booking of accommodation will be on a “first come - first served“ basis and will be available until **25/06/24**.

Here are the instructions to book your accommodation at RESIDENZA ER.GO:

2. REGISTER on the site created especially for the meeting’s attendees:

<https://serviziergo.er-go.it/vetrina/convegno2024/index.php?lingua=en>

During the registration process you will be requested to use an identification code called **Tax Code** (codice fiscale) and an **Invitation Code**.

Tax Code: it is very likely that you will not possess the Tax Code. In this case you can use a calculator to generate it for example: <https://www.miocodicefiscale.com/en/>. Please note that this is Tax Code is just a required means of identification and it is NOT registered with the Italian tax authorities.

Invitation Code: please use **ABZ94A**

3. After completing the registration process you should login and click the **Check Availability** tab to find the list of rooms from which you can **select, book and pay** your room. On the site it is **not possible** to choose a partner for the shared rooms but since the rooms are singularly numbered it is possible that two persons wishing to share a room book the same room independently. Another possibility is to contact the ER.GO organization at the e-mail address given below to ask for special arrangements.
4. In case of cancellation, if communicated before **15/07/2024** a 60% reimbursement can be obtained. After this date no reimbursement will be granted.
5. The following address should be used for any communication regarding the accommodation at residenza ER.GO: convegno settembre@er-go.it

ResArt IACOMUS (private residency)

Via Riva Reno, 57, 40122 Bologna, Italy; +39 051 6566285; <https://www.resartbologna.it/>

The following rooms (price per room per night) are available. No breakfast is included but a voucher for a breakfast in a nearby café can be purchased at the cost of 2.5 €

- 15 single rooms (€ 70.00);
- 10 double rooms (€ 90.00);
- 3 triple rooms (€ 130.00);
- 2 four-bed rooms (€ 150.00);
- 1 suite for five people (€ 190.00);
- 1 suite family for 6 people (€ 200.00).

Booking can be placed contacting the reception from 1/04/2024 via telephone or email (info@resartbologna.it). Availability will be on a “first come - first served” basis until **30/06/24**.

ALMAROSSA (private apartments)

Via Irnerio 22, 40126 Bologna; reception@almarossa.com; www.almarossa.com

Special rates using the promo code; **UniBoSept**

HOTEL ACCADEMIA***

Via delle Belle Arti, 6; 40126 Bologna, Italy; Tel: +39 051 232318;
Single room 80-115 €; Double room 120-135 €; breakfast included; free WIFI; private parking. Posted rates upon mentioning of the Department of Chemistry “G. Ciamician” or the meeting.

hotelaccademia@hotelaccademia.it; <http://www.hotelaccademia.com/>

HOTEL SAN DONATO****

Via Zamboni, 16; 40126 Bologna; tel: +39 051 235395
10% discount for reservations on hotel website using promo code **UNIBO10**
info@hotelsandonato.it; <http://www.hotelsandonato.it/>

ZANHOTEL REGINA***

Via dell'Indipendenza, 51 - 40121 Bologna, Italy; tel: +39 051 248878
hotelregina@zanhotel.it; <https://www.zanhotel.it/hotel-regina-bologna>

HOTEL UNIVERSITY***

Via Mentana, 7; 40126 Bologna, Italy; tel: +39 051 229713
info@hotel-university.com; <http://www.hoteluniversitybologna.it/>

HOTEL LIBERTY 1904***

Via Massarenti, 98/c – 40138 Bologna Italy; +39 051 3767574
info@hotellibertybologna.eu; <https://www.hotellibertybologna.eu/it/index.html>

AEMILIA HOTEL****

Via G. Zaccherini Alvisi, 16 – 40138 Bologna, Italy; tel: +39 051 3940311
info@aemiliahotel.it; <https://www.aemiliahotel.it/it>

SAVOIA HOTEL REGENCY AND SAVOIA COUNTRY HOUSE ****

Via Del Pilastro, 2 - 40127 Bologna; Tel: +39 051 376 77 77
Easily reachable by car and well connected to the city center
regency@savoia.eu; <https://www.savoia.eu/>

Generally, the prices indicated above include VAT but NOT the Tourist tax (about 4.00/3.00 Euro person/night). More information on accommodation:

<https://www.bolognawelcome.com/en/accommodation-facilities>

Social programme

During the conference on the **4th of September 2024** there will be a chamber music concert followed by the banquet.

A few other activities for both the attendees and the accompanying persons are intended to be organized on the 5th of September in the afternoon. Details will be presented at the time of the conference. No dedicated program for accompanying persons will be organized as there are numerous activities organized and offered by the Bologna tourist office.

How to get to Bologna

Bologna, road junction of primary importance since Roman times, is today the center of a transport network of vital importance in Italy.

By car

The region is at crossroads of the major motorways linking Europe with Italy: the Autostrada del Sole (A1) Milan - Naples; the A13 to Ferrara, Padua, Venice and Trieste and the A14 towards the Adriatic coast (Rimini, Ravenna, Ancona, Bari).

By train

Bologna is the main Italian railway junction; a high-speed line connects it to Florence (37 minutes) Milan (65 minutes) Rome (2 hours and 22 minutes). Venice can be reached in less than an hour and a half.

By plane

Guglielmo Marconi International Airport, 10 minutes from the town centre by the Marconi express electric monorail (connecting the airport with the central train station), links Bologna with Italian and European airports. It is a major airport in Italy for the number of international destinations served, with a runway for flights with a range up to 5 thousand nautical miles.

Parking

Bologna is like any big city; parking is difficult but there are many parking places. Parking in the city center is available, many parking structures are open 24/7. One of the biggest parking garages in the city center is in Piazza VIII Agosto.

More general information at the Bologna tourist office:

<http://www.bolognawelcome.com/en/>

Important dates

Deadlines for registration and submission of abstracts

Early bird: May 5th 2024

Regular: June 5th 2024

Deadline for reservation of accommodations

June 25th 2024

3rd circular with meeting information and directions

July 2024

Stay tuned through the official website:

<https://eventi.unibo.it/hrms-2024-bologna/>

For information contact us at:

spectrameet@unibo.it

